

said oligonucleotide selected from the group consisting of oligonucleotides consisting of the sequence:

AGGCCATGGCAGGTTTCCTG (SEQ ID NO: 1);  
AACTGAAGATCTACAAAAGA (SEQ ID NO: 2);  
ACCAAGGTTCTGGAAAGAGA (SEQ ID NO: 3);  
TGTAGGTCACCTGAGTGTGA (SEQ ID NO: 4);  
GCTGCACCCAGGGGATCCAT (SEQ ID NO: 5);  
TCTCGTAGTTGCTTCTGCTG (SEQ ID NO: 6);  
GAGCGAGGCCGCAGCGTCTC (SEQ ID NO: 7);  
ATCAGCCAGAACCATCACTC (SEQ ID NO: 8);  
ACCTGTACCCTATAAGTGGT (SEQ ID NO: 9);  
GATAACTTACCTGGAGAGGC (SEQ ID NO: 10);  
TTAGGGTTGGACATGATATC (SEQ ID NO: 11);  
CCCACTCCTGCAGGGCAGTG (SEQ ID NO: 12);  
GGGTCTTCACCACTGGAGAG (SEQ ID NO: 13);  
AGTGAAAAGGCTGACCTGAA (SEQ ID NO: 14);  
TGGATGCCCGTGACACTGGG (SEQ ID NO: 15);  
GCCGGGCCCAGGGGATCCAT (SEQ ID NO: 16);  
CACCCAGATCCAGCGTCCCA (SEQ ID NO: 17);  
ATCTCCTGACCTTGTGATCC (SEQ ID NO: 18);  
GATCTCCTGACCTAGGAAGA (SEQ ID NO: 19);  
TTCTCACTCAGTTGGCCCAT (SEQ ID NO: 20);  
CCAACCACCACACCTGTCAT (SEQ ID NO: 21);  
GGACGAGTAACAGCTGGATT (SEQ ID NO: 22);  
GCTTGGCTGCACCCAGGGGATC (SEQ ID NO: 23);  
CTCTGCCGCTCCTGGACACTGCTGC (SEQ ID NO: 24);

and continuous 15 or 18 nucleotide fragments of the sequences listed above in an amount effective to treat said cancer.

B<sup>2</sup> cont'd

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Please amend Claim 16 as follows:

~~16.~~ (Amended) A method of treating a subject afflicted with cancer, comprising administering to said subject a vector that comprises and expresses an exogenous nucleic acid encoding an antisense oligonucleotide that hybridizes to an endogenous nucleic acid that encodes a fucosyltransferase, wherein said fucosyltransferase is selected from the group consisting of FUT3 and FUT6 and wherein said nucleic acid is selected from the group consisting of:

AGGCCATGGCAGGTTTCCTG (SEQ ID NO: 1);  
AACTGAAGATCTACAAAAGA (SEQ ID NO: 2);  
ACCAAGGTTCTGGAAAGAGA (SEQ ID NO: 3);  
TGTAGGTCACCTGAGTGTGA (SEQ ID NO: 4);  
GCTGCACCCAGGGGATCCAT (SEQ ID NO: 5);  
TCTCGTAGTTGCTTCTGCTG (SEQ ID NO: 6);  
GAGCGAGGCCGCGAGCGTCTC (SEQ ID NO: 7);  
ATCAGCCAGAACCATCACTC (SEQ ID NO: 8);  
ACCTGTACCCTATAAGTGGT (SEQ ID NO: 9);  
GATAACTTACCTGGAGAGGC (SEQ ID NO: 10);  
TTAGGGTTGGACATGATATC (SEQ ID NO: 11);  
CCCACTCCTGCAGGGCAGTG (SEQ ID NO: 12);  
GGGTCTTCACTACTGGAGAG (SEQ ID NO: 13);  
AGTGAAAAGGCTGACCTGAA (SEQ ID NO: 14);  
TGGATGCCCGTGACACTGGG (SEQ ID NO: 15);  
GCCGGGCCCAGGGGATCCAT (SEQ ID NO: 16);  
CACCCAGATCCAGCGTCCCA (SEQ ID NO: 17);  
ATCTCCTGACCTTGTGATCC (SEQ ID NO: 18);  
GATCTCCTGACCTAGGAAGA (SEQ ID NO: 19);  
TTCTCACTCAGTTGGCCCAT (SEQ ID NO: 20);  
CCAACCACACACCTGTCAT (SEQ ID NO: 21);  
GGACGAGTAACAGCTGGATT (SEQ ID NO: 22);  
GCTTGGCTGCACCCAGGGGATC (SEQ ID NO: 23);  
CTCTGCCGCTCCTGGACACTGCTGC (SEQ ID NO: 24);

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B<sup>3</sup> cont'd

and continuous 15 or 18 nucleotide fragments of the sequences listed  
above in an amount effective to treat said cancer.

Please add Claim 22:

B<sup>4</sup>

22. (New) A method according to claim 9, wherein said oligonucleotide  
does not activate RNase H.

10005715, 110701